

بنك اسئلة

الصف
الرابع
الابتدائي
٢٠٢٤

التميز

أ/ محمود سعيد

ELMotamyez Questions Bank

Science

November Revision

BY

MRS. Amira Ahmed

 cartoon science



نسخة
مجانية

ملحق الإجابات
بالداخل



El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز ال QR Code
أو من خلال صفحة "التميز - أ/ محمود سعيد".
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November Questions Bank




Question 01

choose the corret answer

CONCEPT
1.3

- 1 Light travels in lines in form of waves
 - a straight
 - b curved
 - c zigzag
 - d circular
- 2 Which of the following organs are working together for seeing different objects?
 - a Nose and brain
 - b Eyes and brain.
 - c Ears and brain
 - d Tongue and brain.
- 3 The organ that is responsible for the sense of sight is
 - a the ear
 - b the tongue
 - c the nose
 - d the eye
- 4 All the following things are considered as light sources, except
 - a the Sun
 - b fire
 - c eyes
 - d the light lamp
- 5 Which of the following is a source of light?
 - a the moon
 - b our eyes
 - c fire
 - d mirror
- 6 All the following considered as a source of light except
 - a sun
 - b candle
 - c fire
 - d moon
- 7 eye glows and it can see in the dark.
 - a Human
 - b Penguin
 - c Fishing Cat
 - d Bull shark
- 8 energy affects the sensory receptors in the eye causing vision.
 - a Sound
 - b Kinetic
 - c Light
 - d Magnetic
- 9 Humans have..... eyes than nocturnal animals.
 - a bigger
 - b smaller
 - c stronger
 - d sharper
- 10 From transparent objects.....
 - a metals
 - b lens
 - c mirror
 - d wood
- 11 All of the following are transparent objects, except
 - a glass
 - b water
 - c paper
 - d air



- 12 All of the following are forms of codes, except
- a thumb up b faces expressions. c writing d swimming
- 13 Sense organs collect information and send signals to for processing and understanding.
- a hands b legs c brain d stomach
- 14  Reading and writing are common types of communication in world.
- a humans b animals c birds d plants
- 15 Raising the thumb up or lowering it down is a type of.
- a colors b codes c waves d lights
- 16 Metal and wood are materials.
- a opaque b transparent c liquids d gaseous
- 17 Animals can communicate with each other through.....
- a sound and light b eating c writing d reading
- 18 A firefly is not a bird, but it is a type of.
- a amphibians b lizards c beetles d reptiles
- 19 All of these materials are opaque except
- a wood b human body c book d water
- 20 It produces chemical reaction inside its body.....
- a butterflies b fireflies c house flies d owl

Question 02

put (true) or (false)


- 1 Light travels in straight lines. ()
- 2 The ear is the sense organ responsible for seeing objects ()
- 3 Nocturnal animals have bigger eyes than humans ()
- 4 The fishing cat can't hunt in the dark ()
- 5 Both human and animal need light to see. ()
- 6 Nocturnal animals have eyes larger than human. ()
- 7 Some animals can see clearly at night, such as a fishing cat ()



- 8 The human eyes can see in the dark clearly. ()
- 9 The moon is a source of light ()
- 10 The light reflection depends on smoothness of the objects' surface ()
- 11 If I can see my face clearly on a surface, this means that it is a smooth, shiny surface. ()
- 12 Painted surface reflects light in one direction ()
- 13 Shadow formed when light hits transparent object ()
- 14 Wood is a transparent object that allows light to pass through it ()
- 15 Opaque materials don't allow light to pass through ()
- 16 Speaking, writing are ways to communicate with people. ()
- 17 Human use light to communicate such as using traffic light ()
- 18 Red and green traffic lights are codes ()
- 19 Speaking is the only way to communicate with people ()
- 20 Different languages have similar codes ()

Question 03

Complete the following sentences

- 1  The form energy that can be seen is energy.
- 2 Light travels in lines.
- 3 is the organ that we can use to receive light.
- 4 You can see the objects due to the of light rays to the eyes
- 5, and are sources of light
- 6 The mirror-like membrane in fishing cat eyes considered as a adaptation.
- 7 The eye pupil of the owl and fishing cats is than the eye pupil of the human
- 8 Smooth surfaces reflect light in direction.
- 9 Rough materials reflect light than smooth materials
- 10 Fireflies use the sense of to communicate with each other.
- 11 Ears of humans detect energy, while eyes detect energy
- 12 is considered an example for transparent materials.
- 13 is an opaque object.
- 14 Air and water are materials and you can see things through them



Question 04

write scientific term for each of the following

- 1 A device (tool) human use to see in the dark ()
- 2 Objects that emit their own light ()
- 3 A type of wild cats, that have eyes glow at nights. ()
- 4 A body that appears lighted in the sky, but it is not considered as a source of light. ()
- 5 They are materials reflect the light rays in one direction ()
- 6 A type of surface that reflects light in different direction. ()
- 7 The object which allows light to pass through it ()
- 8 It is a visible form of energy that travels in form of waves ()
- 9 The sense organ that can detect light energy ()
- 10 The materials which don't allow light to pass through. ()
- 11 It is a pattern that has meaning ()
- 12 It is a code that use symbols in a pattern to give a specific meaning according to the arrangement of letter in a word ()
- 13 It is a code in form of sounds used to transfer information ()

Question 05

Give Reason for each of the following

- 1 Fishing cat eyes glow in the dark
.....
- 2 Nocturnal animals can see better at night.
.....
- 3 Sun is considered a source of light
.....
- 4 Moon is not considered as a source of light
.....
- 5 We can see objects when light fall on it
.....
- 6 The pupils of the nocturnal animals' eyes open wider than human's eyes
.....




- 7 A mirror can reflect light better than a painted surface.
.....
- 8 You can see an object placed behind a glass cup
.....
- 9 When light fall on mirror it reflects in one direction
.....
- 10 A shadow is formed when light falls on an opaque object.
.....
- 11 The human body forms a shadow when light falls on it.
.....
- 12 Fireflies produce different pattern of flash light
.....
- 13 Fireflies produce a chemical reaction inside their bodies
.....
- 14 Humans use reading, writing and speaking
.....
- 15 The symbols that are used in writing have specific pattern
.....

Question 06

What happens if ?

- 1 The fishing cat eye don't have mirror-like membrane
.....
- 2 light fall on a book
.....
- 3 When the light falls on a smooth and shiny surface as mirror
.....
- 4 The light falls on a rough surface.
.....
- 5 Light fall on transparent object as glass window
.....



- 6  When firefly wants to attract a mate to reproduce?
.....
- 7 When firefly beetles want to communicate
.....
- 8 The traffic light becomes red while you are going to cross road
.....

Question 07

cross the odd word

- 1 Fire - The moon - The Sun - The light bulb
- 2 Wood - Glass cup – Book - Wall
- 3 Lamp – Fire – Moon - Candle
- 4 Bats – fireflies - blind person's cane - dolphins
- 5 reading - writing - echolocation

Question 08

Answer the following questions

- 1 Give one example for:
 - a A transparent material.
 - b An opaque material.
 - c Objects that are considered as sources of light.
- 2 Look at the following figures, then answer the questions below:



- a Which Surface represents reflection of light rays from mirror?
- b Light travel in lines



Question 01

choose the corret answer

CONCEPT
2.1

- 1  When an object is in motion, this means that itschanges
 (a) color (b) shape (c) size (d) position
- 2  When you move something towards you, this represents.....
 (a) pushing force (b) light energy (c) pulling force (d) sound energy.
- 3 All the following motions occur by the effect of pulling force, except.....
 (a) kicking a ball (b) opening a closed drawer
 (c) wearing your socks (d) lifting up a bag from the ground
- 4 When you sit on a chair, the force of gravity isand holding you in the chair
 (a) pulling you upward (b) pulling you downward
 (c) pushing you upward (d) pushing you downward
- 5 Push or pull actions are considered as types of
 (a) force (b) device (c) energy (d) adaptation
- 6 The force that pulls the objects down toward the center of the earth is ...
 (a) gravity (b) pushing (c) pulling (d) wind
- 7 You can see the movement of the following objects except the movement of.....
 (a) flying airplane (b) running horse (c) sea waves (d) the planet Earth
- 8 Objects need a force to move, this force is called.....
 (a) pushing only (b) pulling only (c) pushing and pulling (d) gravity only
- 9 When a ball stands on the ground without moving, the forces acting on it are.....
 (a) balanced (b) unbalanced (c) push it up (d) not equal
- 10 Which of the following will cause an object to move?
 (a) balanced forces (b) unbalanced forces (c) sound energy (d) light energy
- 11 All of the following are examples of motion, except
 (a) a running person (b) Falling ball (c) flying bird. (d) sleeping dog
- 12 When you throw a ball in the air, the gravity will make it moveupward
 (a) upward (b) forward (c) downward (d) backward



Question 02

put (true) or (false)

- ① Pushing force of gravity makes the ball falls down after throwing it in air . ()
- ② The balanced forces cause the object to move ()
- ③ Hitting a tennis ball needs a pulling force ()
- ④ When a pen falls down from your hand, the acting force is the gravity ()
- ⑤ The stopping object can't move until a force act on it ()
- ⑥ Gravitational force is an upward pulling force ()
- ⑦ When the position of the body changes from a fixed point, the body moves ()
- ⑧ Unbalanced forces cause a change in the object position ()

Question 03

complete the following sentences using the word between brackets

(balanced – unbalanced – gravity – motion)

- ① The forces cause the object to move.
- ② is any change in the position of an object relative to a fixed starting point.
- ③ When playing pulling a rope game, if each team pulls the rope with equal force, the forces are
- ④ The force that causes falling objects toward the Earth is force.

Question 04

write scientific term for each of the following

- ① A force that you make to move an object away from you ()
- ② One of the fastest and most powerful trucks in the world ()
- ③ It is a push or pull that is applied to an object cause it to change its position. ()
- ④ The force that pulls objects toward the center of the earth ()
- ⑤ A change in the position of an object relative to a fixed starting point. ()

انتهت الأسئلة مع أطيب الامنيات بالنجاح والتوفيق

جميع اسئلة الشيت اسئلة رسمية من امتحانات المحافظات يمكنكم متابعه الحل من خلال قناه كارتون ساينس



بنك اسئلة

الصف
الرابع
الابتدائي
٢٠٢٤

التمرين

أ/ محمود سعيد



Model Answers

Science

November Revision

BY

MRS. Amira Ahmed

 cartoon science



Ei.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز ال QR Code
أو من خلال صفحة "التميز - أ/ محمود سعيد".
يرجى مراعاة حقوق صاحب المحتوى عند النشر.



November Questions Bank

CONCEPT
1.3

Question 01

choose the corret answer

- 1 Light travels in lines in form of waves
 - a straight
 - b curved
 - c zigzag
 - d circular
- 2 Which of the following organs are working together for seeing different objects?
 - a Nose and brain
 - b Eyes and brain
 - c Ears and brain
 - d Tongue and brain.
- 3 The organ that is responsible for the sense of sight is
 - a the ear
 - b the tongue
 - c the nose
 - d the eye
- 4 All the following things are considered as light sources, except
 - a the Sun
 - b fire
 - c eyes
 - d the light lamp
- 5 Which of the following is a source of light?
 - a the moon
 - b our eyes
 - c fire
 - d mirror
- 6 All the following considered as a source of light except
 - a sun
 - b candle
 - c fire
 - d moon
- 7 eye glows and it can see in the dark.
 - a Human
 - b Penguin
 - c Fishing Cat
 - d Bull shark
- 8 energy affects the sensory receptors in the eye causing vision.
 - a Sound
 - b Kinetic
 - c Light
 - d Magnetic
- 9 Humans have..... eyes than nocturnal animals.
 - a bigger
 - b smaller
 - c stronger
 - d sharper
- 10 From transparent objects.....
 - a metals
 - b lens
 - c mirror
 - d wood
- 11 All of the following are transparent objects, except
 - a glass
 - b water
 - c paper
 - d air



- 12 All of the following are forms of codes, except
- a thumb up b faces expressions c writing d swimming
- 13 Sense organs collect information and send signals to for processing and understanding.
- a hands b legs c brain d stomach
- 14 Reading and writing are common types of communication in world.
- a humans b animals c birds d plants
- 15 Raising the thumb up or lowering it down is a type of
- a colors b codes c waves d lights
- 16 Metal and wood are materials.
- a opaque b transparent c liquids d gaseous
- 17 Animals can communicate with each other through.....
- a sound and light b eating c writing d reading
- 18 A firefly is not a bird, but it is a type of.
- a amphibians b lizards c beetles d reptiles
- 19 All of these materials are opaque except
- a wood b human body c book d water
- 20 It produces chemical reaction inside its body.....
- a butterflies b fireflies c house flies d owl

Question 02

put (true) or (false)

CONCEPT
1.3


- 1 Light travels in straight lines. ✓
- 2 The ear is the sense organ responsible for seeing objects ✗
- 3 Nocturnal animals have bigger eyes than humans ✓
- 4 The fishing cat can't hunt in the dark ✗
- 5 Both human and animal need light to see. ✓
- 6 Nocturnal animals have eyes larger than human. ✓
- 7 Some animals can see clearly at night, such as a fishing cat ✓
- 8 The human eyes can see in the dark clearly. ✗



- | | | |
|----|---|---|
| 9 | The moon is a source of light | ✗ |
| 10 | The light reflection depends on smoothness of the objects' surface | ✓ |
| 11 | If I can see my face clearly on a surface, this means that it is a smooth, shiny surface. | ✓ |
| 12 | Painted surface reflects light in one direction | ✗ |
| 13 | Shadow formed when light hits transparent object | ✗ |
| 14 | Wood is a transparent object that allows light to pass through it | ✗ |
| 15 | Opaque materials don't allow light to pass through | ✓ |
| 16 | Speaking, writing are ways to communicate with people. | ✓ |
| 17 | Human use light to communicate such as using traffic light | ✓ |
| 18 | Red and green traffic lights are codes | ✓ |
| 19 | Speaking is the only way to communicate with people | ✗ |
| 20 | Different languages have similar codes | ✗ |

Question 03

Complete the following sentences

- 1  The form energy that can be seen is light energy.
- 2 Light travels in straight lines.
- 3 eye is the organ that we can use to receive light.
- 4 You can see the objects due to the reflection of light rays to the eyes
- 5 sun, candle and fire are sources of light
- 6 The mirror-like membrane in fishing cat eyes considered as a structural adaptation.
- 7 The eye pupil of the owl and fishing cats is wider than the eye pupil of the human
- 8 Smooth surfaces reflect light in one direction.
- 9 Rough materials reflect light less than smooth materials
- 10 Fireflies use the sense of sight to communicate with each other.
- 11 Ears of humans detect sound energy, while eyes detect light energy
- 12 Air is considered an example for transparent materials.
- 13 Wood is an opaque object.
- 14 Air and water are transparent materials and you can see things through them



Question 04

write scientific term for each of the following

- | | | |
|----|--|---------------------------|
| 1 | A device (tool) human use to see in the dark | night vision goggles |
| 2 | Objects that emit their own light | Sources of light |
| 3 | A type of wild cats, that have eyes glow at nights. | Fishing cat |
| 4 | A body that appears lighted in the sky, but it is not considered as a source of light. | The moon |
| 5 | They are materials reflect the light rays in one direction | smooth and shiny material |
| 6 | A type of surface that reflects light in different direction. | Rough surface |
| 7 | The object which allows light to pass through it | transparent object |
| 8 | It is a visible form of energy that travels in form of waves | light |
| 9 | The sense organ that can detect light energy | Eye |
| 10 | The materials which don't allow light to pass through. | Opaque object |
| 11 | It is a pattern that has meaning | Code |
| 12 | It is a code that use symbols in a pattern to give a specific meaning according to the arrangement of letter in a word | writing |
| 13 | It is a code in form of sounds used to transfer information | language |

Question 05

Give Reason for each of the following

- 1 Fishing cat eyes glow in the dark
because it has a mirror-like membrane at the back of its eyes which reflect light
- 2 Nocturnal animals can see better at night.
Because of mirror-like membrane at the back of their eyes that reflect light falls on it
- 3 Sun is considered a source of light
Because it emits light
- 4 Moon is not considered as a source of light
Because it reflects sun light.
- 5 We can see objects when light fall on it
Because of light reflection




- 6 The pupils of the nocturnal animals' eyes open wider than human's eyes
To allow more light to enter their eyes
- 7 A mirror can reflect light better than a painted surface.
Because the mirror is more smooth than the painted surface
- 8 You can see an object placed behind a glass cup
Because glass is transparent object allow light to pass through
- 9 When light fall on mirror it reflects in one direction
Because mirror is a shiny and smooth surface
- 10 A shadow is formed when light falls on an opaque object.
Because opaque object doesn't allow light to pass through
- 11 The human body forms a shadow when light falls on it.
Because human body is opaque object don't allow light to pass through it
- 12 Fireflies produce different pattern of flash light
To warn off from predators or attract a mate (To communicate with each other)
- 13 Fireflies produce a chemical reaction inside their bodies
To light up and communicate with each other
- 14 Humans use reading, writing and speaking
To communicate with each other
- 15 The symbols that are used in writing have specific pattern
To give a specific meaning according to arrangement of letters

Question 06

What happens if ?

- 1 The fishing cat eye don't have mirror-like membrane
They cannot see clearly at night
- 2 light fall on a book
Light rays reflect to our eyes so we can see the book
- 3 When the light falls on a smooth and shiny surface as mirror
Light rays will reflect in one direction.
- 4 The light falls on a rough surface.
Light rays will reflect in different directions.



- 5 Light fall on transparent object as glass window
Light will pass through it and I can see objects through it
- 6  When firefly wants to attract a mate to reproduce?
It produces a chemical reaction inside its body to light up
- 7 When firefly beetles want to communicate
It produces a chemical reaction inside its body to light up
- 8 The traffic light becomes red while you are going to cross road
The eyes send a message to brain – brain process information (stop walking)

Question 07

cross the odd word

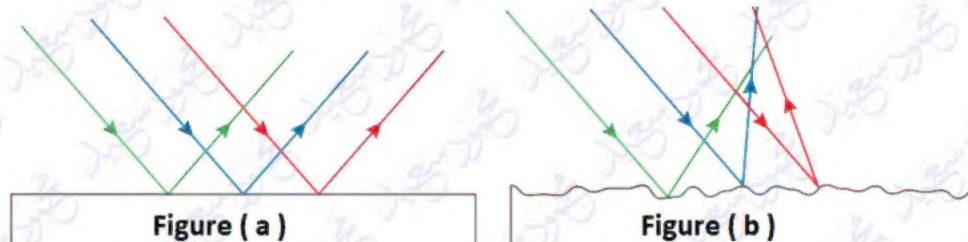
- 1 Fire - The moon - The Sun - The light bulb The moon
- 2 Wood - Glass cup – Book - Wall Glass cup
- 3 Lamp – Fire – Moon - Candle Moon
- 4 Bats – fireflies - blind person's cane - dolphins Fireflies
- 5 reading - writing - echolocation echolocation

Question 08

Answer the following questions

- 1 Give one example for:
 - a A transparent material. Air
 - b An opaque material. Human body
 - c Objects that are considered as sources of light. Sun

- 2 Look at the following figures, then answer the questions below:



- a Which Surface represents reflection of light rays from mirror? Figure (a)
- b Light travel in straight lines



Question 01

choose the corret answer

CONCEPT
2.1

- 1 When an object is in motion, this means that itschanges
 (a) color (b) shape (c) size (d) position
- 2 When you move something towards you, this represents.....
 (a) pushing force (b) light energy (c) pulling force (d) sound energy.
- 3 All the following motions occur by the effect of pulling force, except.....
 (a) kicking a ball (b) opening a closed drawer
 (c) wearing your socks (d) lifting up a bag from the ground
- 4 When you sit on a chair, the force of gravity isand holding you in the chair
 (a) pulling you upward (b) pulling you downward
 (c) pushing you upward (d) pushing you downward
- 5 Push or pull actions are considered as types of
 (a) force (b) device (c) energy (d) adaptation
- 6 The force that pulls the objects down toward the center of the earth is ...
 (a) gravity (b) pushing (c) pulling (d) wind
- 7 You can see the movement of the following objects except the movement of.....
 (a) flying airplane (b) running horse (c) sea waves (d) the planet Earth
- 8 Objects need a force to move, this force is called.....
 (a) pushing only (b) pulling only (c) pushing and pulling (d) gravity only
- 9 When a ball stands on the ground without moving, the forces acting on it are.....
 (a) balanced (b) unbalanced (c) push it up (d) not equal
- 10 Which of the following will cause an object to move?
 (a) balanced forces (b) unbalanced forces (c) sound energy (d) light energy
- 11 All of the following are examples of motion, except
 (a) a running person (b) Falling ball (c) flying bird. (d) sleeping dog
- 12 When you throw a ball in the air, the gravity will make it moveupward
 (a) upward (b) forward (c) downward (d) backward



Question 02

put (true) or (false)

- ① Pushing force of gravity makes the ball falls down after throwing it in air. ✗
- ② The balanced forces cause the object to move ✗
- ③ Hitting a tennis ball needs a pulling force ✗
- ④ When a pen falls down from your hand, the acting force is the gravity ✓
- ⑤ The stopping object can't move until a force act on it ✓
- ⑥ Gravitational force is an upward pulling force ✗
- ⑦ When the position of the body changes from a fixed point, the body moves ✓
- ⑧ Unbalanced forces cause a change in the object position ✓

Question 03

complete the following sentences using the word between brackets

(balanced – unbalanced – gravity – motion)

- ① The **unbalanced** forces cause the object to move.
- ② **Motion** is any change in the position of an object relative to a fixed starting point
- ③ When playing pulling a rope game, if each team pulls the rope with equal force, the forces are **balanced**
- ④ The force that causes falling objects toward the Earth is **gravity** force.

Question 04

write scientific term for each of the following

- ① A force that you make to move an object away from you **push force**
- ② One of the fastest and most powerful trucks in the world **shockwave trunk**
- ③ It is a push or pull that is applied to an object cause it to change its position **force**
- ④ The force that pulls objects toward the center of the earth **gravity**
- ⑤ A change in the position of an object relative to a fixed starting point **Motion**

انتهت الأسئلة مع أطيب الامنيات بالنجاح والتوفيق

جميع اسئلة الشيت اسئلة رسمية من امتحانات المحافظات يمكنكم متابعه الحل من خلال **قناه كارتون ساينس**